

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-11 (canceled).

Claim 12 (currently amended). A device of a energetically self-sufficient transponder, comprising:

a converter for converting ambient energy into an alternating quantity and into energy for modulation of a reflector configured to be modulated via the alternating quantity; and

means for generating a first alternating quantity and a second alternating quantity by splitting the original alternating quantity into the first alternating quantity and the second alternating quantity;

subsequent to the splitting, the first alternating quantity and the second alternating quantity being separately and differently ~~influenceable~~ influenced by a measured quantity.

Claim 13 (previously presented). The device according to claim 12, wherein said reflector is a reflector for an electromagnetic signal.

Claim 14 (previously presented). The device according to claim 13, wherein said reflector is a reflector for a high-frequency signal.

Claim 15 (previously presented). The device according to claim 12, which further comprises an antenna connected to said converter.

Claim 16 (previously presented). The device according to claim 12, wherein the device is configured as a backscatter transponder.

Claim 17 (previously presented). The device according to claim 12, wherein the device is configured to measure a measured quantity.

Claim 18 (previously presented). The device according to claim 17, wherein said converter is configured to convert the ambient energy into the alternating quantity in dependence on the measured quantity.

Claim 19 (previously presented). The device according to claim 18, which further comprises means for influencing the alternating quantity as a function of the measured quantity.

Claim 20 (previously presented). The device according to claim 17, which further comprises means for influencing the alternating quantity as a function of the measured quantity.

Claim 21 (cancelled).

Claim 22 (cancelled).

Claim 23 (previously presented). The device according to claim 12, wherein said converter is a first converter for generating a first alternating quantity, and which further comprises a second converter for generating the second alternating quantity.

Claim 24 (previously presented). A method, which comprises:

in an energetically self-sufficient transponder having a converter:

converting ambient energy into an original alternating quantity and into energy with the converter,

splitting the alternating quantity into a first alternating quantity and a second alternating quantity being separately and differently influenced by a measured quantity,

modulating a reflector of the transponder with the first alternating quantity, and

modulating another reflector of the transponder with the second alternating quantity.

Claim 25 (currently amended). A transponder, comprising:

a converter for converting ambient energy into an original alternating quantity and into energy;

a first filter for ~~splitting the original alternating quantity into a first alternating quantity influenced by a measured quantity~~ influencing the original alternating quantity by a measured quantity in order to obtain a first alternating quantity;

a second filter for ~~splitting the original alternating quantity into a second alternating quantity influenced by the measured quantity separately and differently from the first alternating quantity~~ influencing the original alternating quantity by a measured quantity separately and differently from the first alternating quantity in order to obtain a second alternating quantity;

a first reflector modulated with the first alternating quantity; and

a second reflector modulated with the second alternating quantity.

Claim 26 (new). The device according to claim 12, further comprising a plurality of filters configured to, subsequent to the splitting, separately and differently influence the first alternating quantity and the second alternating quantity dependent on the measured quantity.